

Name: \_\_\_\_\_

**Factoring – Quadratic Trinomials (a=1) – Version 2**

Directions: Please fully factor the following expressions.

1.  $x^2 + 29x + 100$

$$(x+4)(x+25)$$

2.  $y^2 - 16y + 28$

$$(y-2)(y-14)$$

3.  $x^2 - 13x - 48$

$$(x-16)(x+3)$$

4.  $b^2 + 33b - 70$

$$(b+35)(b-2)$$

5.  $x^2 + 19x - 42$

$$(x+21)(x-2)$$

6.  $x^2 + 5x - 36$

$$(x+9)(x-4)$$

7.  $h^2 - 11h - 12$

$$(h-12)(h+1)$$

8.  $x^2 - 16x + 39$

$$(x-13)(x-3)$$

9.  $m^2 + 19m + 48$

$$(m+3)(m+16)$$

10.  $x^2 + 42x - 88$

$$(x+44)(x-2)$$